

DERWENT-ACC-NO: 1989-238964

DERWENT-WEEK: 199840

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TITLE: Aq. soln. compsn., for absorption
refrigeration machine
- is prepd. by adding alkali metal hydroxide
and antimony
cpd. to aq. soln. of metal halide(s)

PATENT-ASSIGNEE: YAZAKI CORP[YAZA]

PRIORITY-DATA: 1987JP-0336087 (December 28, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP <u>01174588</u> A	July 11, 1989	N/A
003 N/A		
JP 2794065 B2	September 3, 1998	N/A
003 C23F 011/18		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 01174588A	N/A	1987JP-0336087
December 28, 1987		
JP 2794065B2	N/A	1987JP-0336087
December 28, 1987		
JP 2794065B2	Previous Publ.	JP 1174588
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INT-CL (IPC): C09K005/00, C23F011/18 , F25B015/00

ABSTRACTED-PUB-NO: JP 01174588A

BASIC-ABSTRACT:

Anticorrosive aq. soln. compsn. is prepd. by incorporating (a) alkali metal hydroxide and (b) antimony cpd. to aq. soln. of metal halides. The hydroxide is pref. lithium hydroxide and antimony cpd. is diantimony trioxide. Conc. of the hydroxide is pref. 0.05-0.3 wt. % and antimony cpd. 0.005-0.1 wt. %. Halide

is pref. lithium iodide or combination of lithium-iodide and bromide.

USE/ADVANTAGE - Useful as absorption liq. for absorption refrigeration machine.

Diantimony trioxide has action of reducer controlling, liberation of free

halogen and also forming dense protective film on surface of steel and copper.

Lithium hydroxide has corrosion inhibiting effect on lithium iodide and

bromide. Aq. soln. compsn. has sufficient corrosion controlling effect.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: AQUEOUS SOLUTION COMPOSITION ABSORB REFRIGERATE MACHINE
PREPARATION ADD ALKALI METAL HYDROXIDE ANTIMONY COMPOUND
AQUEOUS

SOLUTION METAL HALIDE

DERWENT-CLASS: E37 J07 M14 Q75

CPI-CODES: E31-M; E33-G; J07-A08; M14-K;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

A100 A103 A940 C101 C108 C550 C730 C801 C802 C804

C805 C807 M411 M782 M903 M904 Q433 Q462 R023

Specific Compounds

01513M

Markush Compounds

198933-D4501-M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M3 *02*

Fragmentation Code

A351 A940 C108 C550 C730 C801 C802 C803 C804 C805

C807 M411 M782 M903 M904 M910 Q433 Q462 R023

Specific Compounds

01527M

Registry Numbers

1704X 1724X 1711X 1714X 89290

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1513U; 1513U ; 1527U ; 1527U ;
1685U ; 1915U
; 1915U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

C1989-106673